What is claimed is:

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1. A method for producing a liquid crystalline polyester comprising melt-polymerizing aromatic hydroxycarboxylic acid represented by the formula (I), aromatic diol represented by the formula (II), and aromatic dicarboxylic acid represented by the formula (III) with using a diaryl carbonate represented by the formula (IV).

$$HO-R_1-COOH$$
 (I)

$$HO-R_2-OH$$
 (II)

$$HOOC-R_3-COOH$$
 (III)

$$R_4$$
 R_5 (IV)

(wherein, R_1 and R_3 are an optionally substituted arylene group, R_2 is an optionally substituted arylene group or a group represented by the formula (V),

$$R_{6}$$
 (V)

 R_4 to R_7 are each independently a hydrogen atom, a halogen atom,

an acyloxy group with a carbon number of from 1 to 6, or an alkyl group with a carbon number of from 1 to 6, and X is -O-, -S-, $-SO_2-$, -CO-, $-C_6H_{10}-$, or an alkylene group.)

2. The method according to Claim 1, wherein melt-polymerization is carried out in a presence of imidazole compound represented by the formula (VI).

$$R_{10}$$

$$R_{10}$$

$$R_{10}$$

$$(VI)$$

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(wherein, R₈ to R₁₁ are each independently a hydrogen atom, an alkyl group with a carbon number of from 1 to 4, a hydroxymethyl group, a cyano group, a cyanoalkyl group with a carbon number of from 2 to 5, a cyanoalkoxy group with a carbon number of from 2 to 5, a carboxyl group, an amino group, an aminoalkyl group with a carbon number of from 1 to 4, an aminoalkoxy group with a carbon number of from 1 to 4, a phenyl group, a benzyl group, a phenylpropyl group, or a formyl group.)

3. The method according to Claim 1, wherein the melt-polymerization is carried out in a presence of pyridine compound represented by the formula (VII).

$$\begin{array}{c|c} R_{12} & R_{13} \\ \hline & R_{14} \\ \hline & (VII) \end{array}$$

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(wherein R_{12} and R_{13} are each independently a hydrogen atom, an alkyl group with a carbon number of from 1 to 6, a cycloalkyl group with a carbon number of from 5 to 10, an aryl group with a carbon number of from 6 to 12, or an aralkyl group with a carbon number of from 6 to 12, and R_{12} and R_{13} may be combined with each other, R_{14} is an alkyl group with a carbon number of from 1 to 6, a cycloalkyl group with a carbon number of from 5 to 10, an aryl group with a carbon number of from 6 to 12, or an aralkyl group with a carbon number of from 6 to 12, and n is an integer of from 1 to 4.)

4. The method according to any one of Claims 1 to 3, wherein the melt-polymerization is carried out in a presence of titanium compound represented by the formula (VIII).

Ti
$$(OR_{15})$$
 m (OR_{16}) 1 (VIII)

(wherein , R_{15} is a hydrogen atom, an alkyl group with a carbon number of from 1 to 6, a cycloalkyl group with a carbon number of from 5 to 10, an aryl group with a carbon number of from 6 to 12, or an aralkyl group with a carbon number of from 6 to 12, R_{16} is an aryl group with a carbon number of from 6 to 12,

and m and l are an integer of from 0 to 4 and m+l is 4.)

- 5. The method according to Claim 1, wherein the aromatic hydroxycarboxylic acid (I) is from 30 to 80% by mole of a total of the aromatic hydroxycarboxylic acid (I), the aromatic diol (II) and the aromatic dicarboxylic acid (III), and a mol ratio of the aromatic diol (II) to the aromatic dicarboxylic acid (III) ((III)/(III)) is 90/100 to 100/90.
- 6. A liquid-crystalline polyester obtained by the method according to Claim 1.
- 7. A liquid crystalline polyester comprising a structural unit derived from aromatic hydroxycarboxylic acid (I), a structural unit derived from aromatic diol (II) and a structural unit derived from aromatic dicarboxylic acid (III), and not substantially containing fatty acid or fatty acid anhydride.